

CLAIMS

1. An oral formulation for a medicament comprising:
a solid masticable portion and one or more reservoir portions encompassed by said
5 solid masticable portion;
the solid masticable portion consisting of a fully edible material, having a Young's
modulus of 0.01–5MPa, and compressive strength in the range 10-10,000 mJ,
the reservoir portion or portions comprising a releasable dose of the medicament in a
fluid (preferably a liquid) form, with a viscosity below 800mPa.s at body temperature (ca. 36-
10 ca.40°C),
such that on mastication, the masticable portion is ruptured and the unit dose of the
medicament is released in a short space of time from the reservoir portion into the oral cavity.
2. A formulation according to claim 1 where the viscosity of reservoir portion is
in the range 50-200 mPa.s.
- 15 3. A formulation according to claim 1 which consists of :
a masticable portion containing gelatine (about 20%), gum arabic (about 3%),
pork liver powder and/or beef powder as flavourant, each at about 6%,
in a hydrogenated polysaccharide Lycasin® base;
a reservoir portion comprising Lycasin®, malt flavouring (about 1%) by weight and
20 the medicament.
4. A formulation according to any previous claim wherein the reservoir portion is
up to 40% by volume of the formulation.
5. A formulation according to claim 4 wherein the reservoir portion is 5 - 25% by
volume.
- 25 6. A formulation according to any previous claim wherein the shape of the
formulation is substantially hemispherical.
7. A formulation according to claim 1 wherein the masticable portion contains
gelatine (at about 20%), gum arabic (at about 3%) and flavourants: pork liver powder and
beef powder, each at about 6%; in a hydrogenated polysaccharide Lycasin® base;
30 and the reservoir portion comprises Lycasin®, malt flavouring (at about 1%) by
weight and the medicament.
8. A formulation according to any previous claim wherein the medicament is
present at up to about 3% by weight.
9. A formulation according to any previous claim wherein the medicament is one
35 that reduces plaque, controls gingivitis, prevents calculus, prevents halitosis or prevents
periodontitis.

